

CFETP 4N0X1, Attachment 17 (DRAFT: 20 AUG 05)

17. AEROMEDICAL EVACUATION (AE)	Core Task	PROF CODE
17.1 AE TECHNICIAN (AET) DUTY PROGRESSION TR: AFI 11-2AE Vols 1, 2, 3		
17.1.1 Duties of the AET (X4N0X1)		A
17.1.2 Duties of Instructor AET		A
17.1.3 Duties of AET Flight Examiner		A
17.2 COCKPIT/CREW RESOURCE MANAGEMENT (CRM) TR: AFI 36-2243		B
17.3 AIRCRAFT/FLIGHTLINE SAFETY TR: AFI 11-2AE Vol 3, T.O. 1-CXXX-1, T.O. 00-25-172		
17.3.1 Personal/Patient Safety During Aircraft Operations		B
17.3.2 Engine air intake and exhaust		A
17.3.3 High intensity sound		A
17.3.4 Propeller/Rotor planes of rotation		A
17.3.5 Antenna radiation		A
17.3.6 Aircraft electrical system safety		A
17.3.7 Aircraft oxygen system safety		A
17.3.8 Aircraft fire extinguishers		B
17.3.9 Foreign object damage (FOD)		B
17.3.10 Safe handling of weapons in the aviation environment		B
17.3.11 Vehicle operations on the flightline		B
17.3.12 Safety during refueling operations		B
17.4 SECURITY TR: AFI 11-2AE Vol 3		
17.4.1 Flightline Security Procedures		B
17.4.2 Anti-Hijacking Procedures		B
17.4.3 Anti-Terrorism		A
17.5 PUBLICATIONS TR: AFI 11-201		
17.5.1 Aircrew publications		B
17.5.1 Locate information in Technical Orders and standard publications applicable to AE duties and functions		2b
17.5.2 Use of applicable forms		2b
17.5.3 Use of Flight Crew Information File		2b
17.5.4 Post changes to technical orders and standard publications		2b
17.5.5 Use abbreviated checklist		3c

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17.6 FLIGHT MANAGEMENT		
TR: AFIs 11-202 series, -401, -402, 11-2AE Vols 1, 2, 3		
Functions of Host Operation System Management (HOSM)		A
17.6.1 Flight Records Folder (FRF)		A
17.6.2 Aircrew Training Program		A
17.6.3 Flight Authorization		A
17.6.4 Initial qualification		A
17.6.5 Mission qualification		A
17.6.6 Continuation Training		A
17.6.7 Aircrew Standardization/Evaluation Program		A
17.6.8 Flight Evaluation Folder (FEF)		A
17.6.9 General Flight Rules		A
17.6.10 Flight Currency		A
17.6.11 Crew Duty Time/Crew Rest		B
17.6.12 Flight Duty Periods		B
17.6.13 Aircrew Scheduling Restrictions		B

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17.7 AE AIRCREW DUTIES/ACTIVITIES		
TR: AFI 11-2AE Vol 3, AFI 41-307		
17.7.1 Preflight Duties		B
17.7.2 Crew Duties (CMT, 2AET, 3AET)		B
17.7.3 Emergency Procedures		B
17.7.4 Emergency Signals		A
17.7.5 Fuselage Fire/Smoke-Fumes		3c
17.7.6 Inflight Door Warning Light		3c
17.7.7 Ditching		3c
17.7.8 Crash Landing		3c
17.7.9 Conduct patient briefings		b
17.7.10 Perform patient assessment		3c
17.7.11 Perform Cardiac Arrest Interventions		3c
17.7.12 Inflight care of the respiratory patient		3c
17.7.13 Inflight care of the multi-system trauma patient		3c
17.7.14 Inflight care of the cardiac patient		3c
17.7.15 Inflight care of patients with neurological disorders		3c
17.7.16 Inflight care of the pediatric patient		3c
17.7.17 Inflight care of the obstetrical patient		3c
17.7.18 Inflight care of the patient with orthopedic disorders		3c
17.7.19 Inflight care of the patient with EENT disorders		3c
17.7.20 Inflight care of the patient GI/GU disorders		3c
17.7.21 Inflight management of a patient in shock		3c
17.7.22 Inflight care of the burn patient		3c
17.7.23 Inflight care of the patient with behavioral disorders		3c
17.7.24 Inflight care of the patient with decompression sickness		3c
17.7.25 Inflight care of the patient with blood dyscrasias		3c
17.7.26 Inflight care of the diabetic patient		3c
17.7.27 Inflight care of the patient with drug overdose		3c
17.7.28 Identify and treat hyperventilation		3c
17.7.29 Identify and treat hypoxia		3c
17.7.30 Infection control measures in the aviation environment		B
17.7.31 Transport of blood products		B
17.7.32 Pain assessment and management		3c
17.7.33 Border clearance procedures		B
17.7.34 Remain Overnight (RON) Mission Management		B
17.7.35 Perform patient enplaning/deplaning procedures		3c
17.7.36 Develop patient positioning plan		2b
17.7.37 Perform mission launch/recovery procedures		2b

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17.8 AE MEDICAL & MISSION HANDLING EQUIPMENT		
TR: AFI 41-309, AFI 11-2AE Vol 3		
17.8.1 Perform medical equipment preflight		3c
17.8.2 Perform medical equipment functional checks		3c
17.8.3 Use chest drainage devices		2b
17.8.4 Operate Mobile Oxygen Storage Tank (MOST)		3c
17.8.5 Operate oxygen analyzer		2b
17.8.6 Operate adult ventilator		3c
17.8.7 Operate cardiac monitor/defibrillator		3c
17.8.8 Use NATO litter and backrest		3c
17.8.9 Locate supplies in AE Inflight Kits		2b
17.8.10 Operate pulse oximeter		3c
17.8.11 Operate suction devices		3c
17.8.12 Operate Electrical Cable Assembly Set (ECAS)		2b
17.8.13 Operate infusion pumps		3c
17.8.14 Operate vital signs monitor		2b
17.8.15 Operate Patient Loading System (PLS)		2b
17.8.16 Configure Patient Support Pallet for patient use		2b
17.9 AEROMEDICAL EVACUATION AIRCRAFT		
TR: Applicable T.O. 1C-XX-1, AFI 11-AE Vol 3		
17.9.1 Capabilities of Air Mobility Aircraft		B
17.9.2 Capabilities of Civil Reserve Air Fleet (CRAF) Aircraft		B
17.9.3 Provide patient oxygen using aircraft therapeutic oxygen system		3c
17.9.4 Provide electrical power for medical equipment using aircraft electrical system		3c
17.9.5 Configure aircraft for AE mission		3c
17.9.6 Floor load litter patients for AE mission		3c
17.9.7 Operate Doors/Hatches		3c
17.9.8 Operate Emergency Equipment		-
17.9.8.1 Fire extinguisher		3c
17.9.8.2 Oxygen mask/goggles		3c
17.9.8.3 Emergency passenger oxygen		3c
17.9.8.4 Life preservers		3c
17.9.8.5 Life rafts		3c
17.9.8.6 Crash axes		3c

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